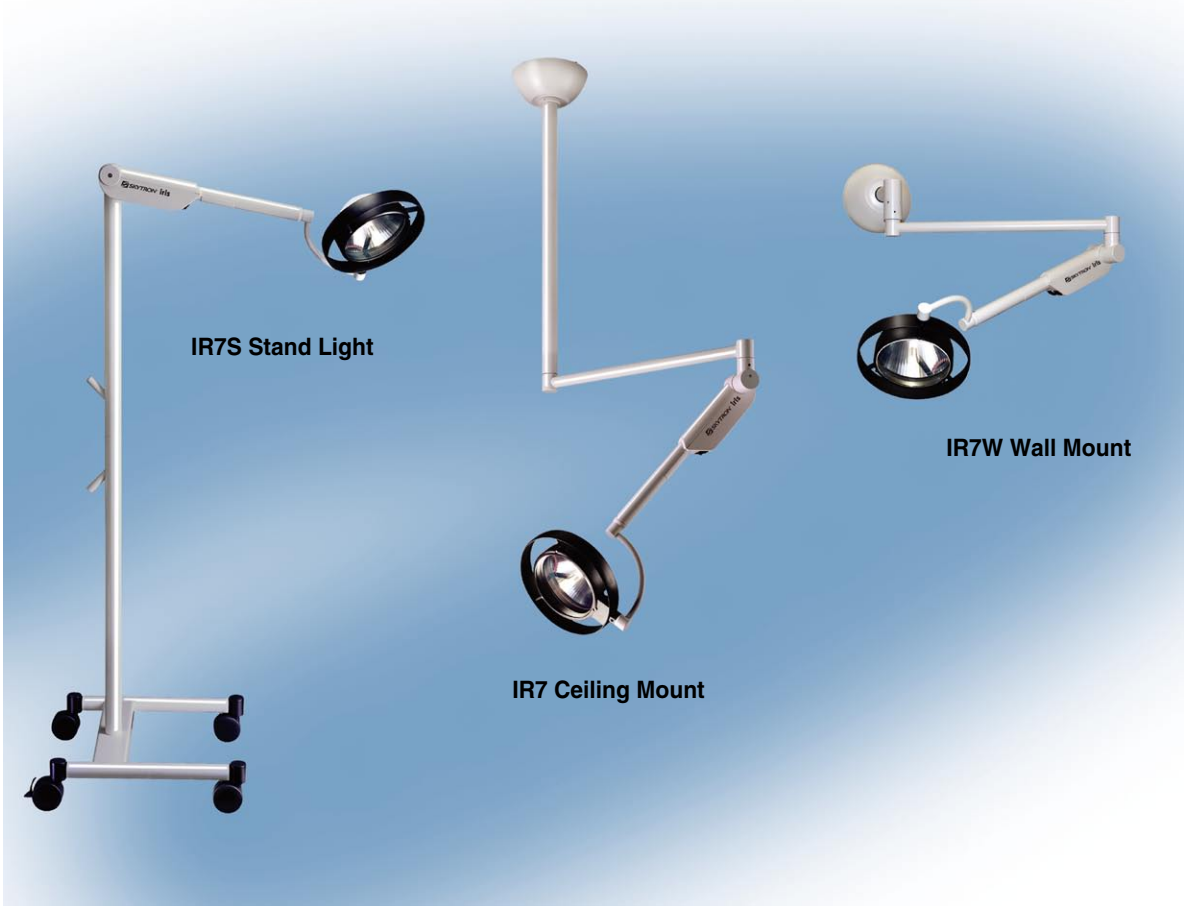
SKYTRON®

IR7 SERIES

IRIS SERIES • EXAM LIGHTS



INTRODUCTION

SKYTRON's fully adjustable IRIS IR7 offers safe and efficient illumination of medical examinations and procedures. The light's one-of-a-kind parabolic and semi-facetted "self-cooling" reflector design allows air to circulate around the halogen lamp, which creates an even light distribution and beam pattern. The IRIS features an internal spring-loaded articulated arm with Teflon-coated bearings which provide a complete counterbalance system for unlimited flexibility. The mobile portable stand version, featuring lockable casters, provides quick and easy assembly and is effectively used in a variety of room sizes and configurations.

OPTIONS

Three styles of IRIS are available including: A freestanding portable stand on locking casters (IR7S) for complete mobility, ceiling-mounted version (IR7) and wall mount (IR7W).

Sterilizable Handle available, part # D-59210-000

FEATURES

Energy efficient 50W/12V halogen lamp with UV-stop glass coating has a rated life of 4,000 hours and provides 38,740 lux (3,400 fc) at 36" from the treatment area.

Self-cooling head design allows air to circulate around the semi-facetted reflector, which keeps the lamp cool and creates an even light distribution and beam pattern.

Revolutionary two-tier lens system enhances luminaire efficiency and safety, and provides a comfortable true-light (4,000k) environment for physicians.

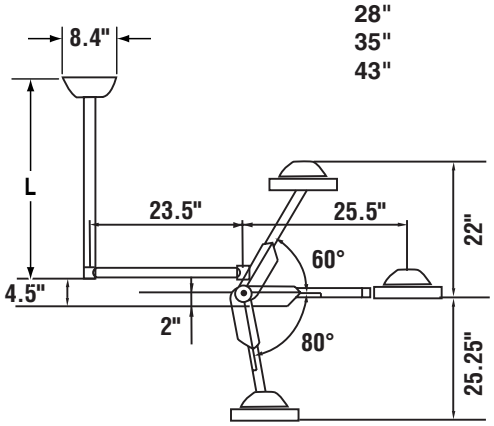
Fully pivoting 270° head and radial grab ring offers easy positioning and control.

Spring-balanced articulated arm with Teflon-coated bearings offers a complete counterbalance system.

Two-step switch provides the choice of adjusting the light to either 66% or 100% intensity.

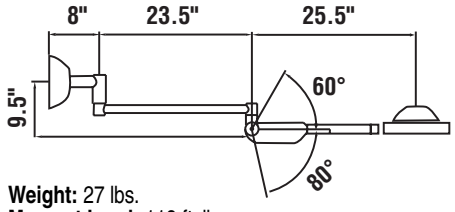
IRIS SERIES

L	MODEL
20"	IR7-20
28"	IR7-28
35"	IR7-35
43"	IR7-43



IR7

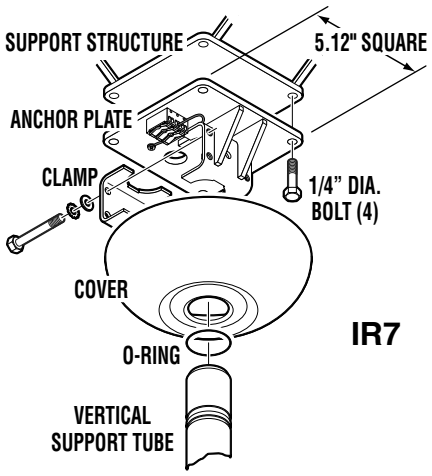
Weight: 29 lbs.
Moment Load: 118 ft. lbs.



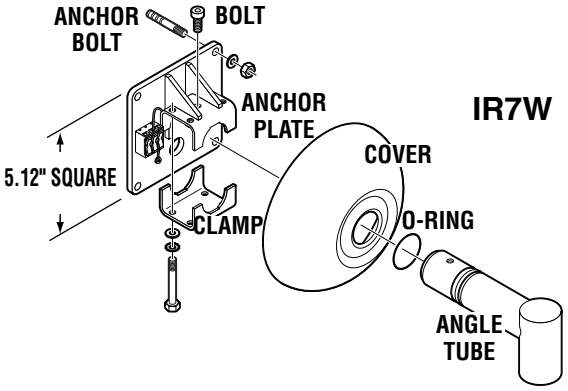
IR7W

Weight: 27 lbs.
Moment Load: 118 ft. lbs.

SUPPORT STRUCTURE AND BRACING BY ENGINEER OF RECORD



IR7



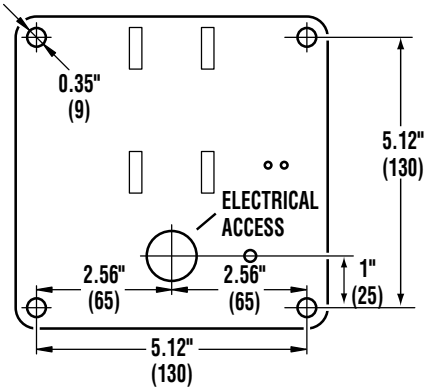
IR7W

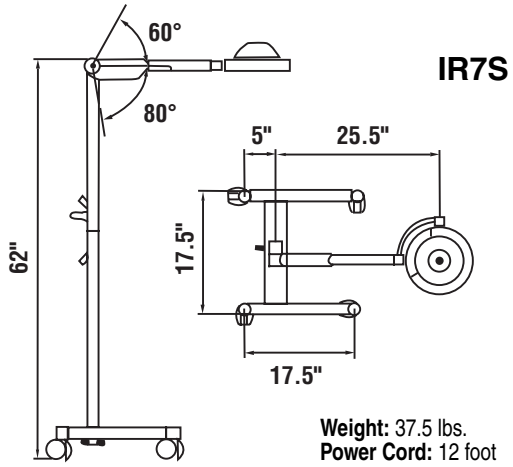
MOUNTING GUIDELINE

CONSULT SPECIFIC SEISMIC CALCULATIONS IF APPLICABLE

•Anchor Plate provided to be mounted to solid surface with (4) Anchor bolts, washers and nuts provided with fixture.
•(4) 8mm diameter holes, 55mm deep, 130mm square pattern required in accordance with Drilling Template.
•Fixture to be level at mounting for proper operation of lighthead.
•Wall construction that will not allow use of Anchor bolts will require backing plate and support hardware as specified by others.
•CONTRACTOR HAS FINAL RESPONSIBILITY for the strength and

DRILLING TEMPLATE





IR7S

Weight: 37.5 lbs.
Power Cord: 12 foot

GENERAL TECHNICAL DATA

Electrical: 120v, 60 Hz, 1 phase
Power Consumption: 50 watts (170 BTU/ hr.)
Intensity: 38,740 lux (3,400 fc)
Color Temperature: 4,000° K
Beam Temperature: Less than 25,000 microwatts per sq. centimeter as recommended by the I. E. S. handbook.
Current Leakage: Less than 100 microamps
Bulb Type: Halogen 12v/ 150w

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